

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1819623

Report Code: AMP450

Mar. 10, 2020

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	49			88101							

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration

QUICK LOOK

SELECTED OPTIONS

Option Type	Option Value
WORKFILE DELIMITER	,
EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
AGENCY ROLE	PQAO
MERGE PDF FILES	YES

SORT ORDER

Order	Column
1	PARAMETER_CODE
2	STATE_CODE
3	COUNTY_CODE
4	SITE_ID
5	POC
6	DATES
7	EDT_ID

DATE CRITERIA

Start Date	End Date
2019	2019

APPLICABLE STANDARDS

Standard Description
CO 1-hour 1971
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 1-hour
NO2 Annual 1971
Ozone 1-hour 1979
Ozone 8-Hour 2008
PM10 24-hour 2006
PM25 24-hour 2012
PM25 Annual 2012
SO2 1-hour 2010
SO2 24-hour 1971
SO2 3-hour 1971
SO2 Annual 1971

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Mar. 10, 2020

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

Note: The * indicates that the mean does not satisfy summary criteria.

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PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-003-0003	1	1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2019	145	126	38.8	31.1	30.2	23.4	30.2	4.49*	S	0
49-003-0003	3	1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2019	184	150	43.7	35.9	31.2	30.7	31.2	6.93*	S	0
49-005-0007	1	1113	Smithfield	Cache	675 West 220 North	2019	145	289	49.1	48.3	46.5	44.5	42.9	6.95*	S	0
49-005-0007	2	1113	Smithfield	Cache	675 West 220 North	2019	145	36	51.2	44.2	41.0	25.4	51.2	7.14*	S	0
49-005-0007	3	1113	Smithfield	Cache	675 West 220 North	2019	182	338	49.5	46.4	39.3	39.2	37.9	6.32	S	0
49-005-0007	4	1113	Smithfield	Cache	675 West 220 North	2019	184	30	53.9	50.5	50.3	49.9	53.9	7.55	S	0
49-005-0007	5	1113	Smithfield	Cache	675 West 220 North	2019	184	365	54.0	50.1	49.9	49.4	44.0	7.57		0
49-011-0004	1	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2019	145	268	31.3	31.3	26.2	23.4	22.5	5.68*	S	0
49-011-0004	3	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2019	184	360	38.1	28.8	27.9	23.0	16.4	5.60	S	0
49-013-0002	3	1113	Roosevelt	Duchesne	290 S. 1000 W.	2019	184	365	26.3	25.9	25.3	24.4	22.3	6.14	S	0
49-021-0005	1	1113	Enoch	Iron	3840 North 325 East	2019	184	365	24.4	16.7	16.4	13.1	11.3	4.32	S	0

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													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-035-1007	1	1113	Magna	Salt Lake	9228 West 2700 South	2019	145	300	37.2	30.2	24.5	24.5	23.1	5.83*	S	0
49-035-1007	3	1113	Magna	Salt Lake	9228 West 2700 South	2019	184	361	32.8	30.0	28.2	27.7	23.8	5.64	S	0
49-035-2005	4	1113	Midvale	Salt Lake	8449 S. Monroe St.	2019	184	359	49.7	42.8	37.4	33.9	28.7	7.60	S	0
49-035-3006	1	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2019	145	322	43.8	39.5	34.6	33.9	28.6	6.22*	S	0
49-035-3006	2	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2019	184	361	41.7	41.6	33.8	31.8	26.4	6.42	S	0
49-035-3006	4	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2019	184	356	45.2	39.9	36.7	34.3	27.3	6.49	S	0
49-035-3010	1	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2019	145	300	41.1	33.2	31.0	23.4	21.7	6.66*	S	0
49-035-3010	2	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2019	145	61	44.0	42.3	35.5	34.3	42.3	7.45	S	0
49-035-3010	3	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2019	184	362	42.9	37.6	34.3	32.1	28.5	7.68	S	0
49-035-3013	5	1113	Herriman	Salt Lake	14058 Mirabella Dr.	2019	184	363	43.7	35.1	25.3	25.1	18.8	5.21	S	0
49-035-3015	1	1113	Salt Lake City	Salt Lake	240 N 1950 W	2019	145	99	27.7	18.8	18.8	17.6	18.8	7.44*	S	0
49-035-3015	3	1113	Salt Lake City	Salt Lake	240 N 1950 W	2019	184	92	18.9	18.1	14.8	14.2	18.1	5.13*	S	0
49-035-4002	1	1113	Murray	Salt Lake	4951 South Galleria Dr	2019	184	365	47.0	44.7	39.5	34.4	31.0	8.99	S	0

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PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-045-0004	1	1113	Erda	Tooele	2163 W. Erda Way	2019	145	315	42.0	32.3	30.4	30.2	22.7	5.18*	S	0
49-045-0004	3	1113	Erda	Tooele	2163 W. Erda Way	2019	184	342	37.4	34.4	30.1	30.1	23.1	5.30	S	0
49-047-1004	4	1113	Vernal	Uintah	628 North 1700 West	2019	184	365	20.3	19.5	19.1	17.8	16.1	5.15	S	0
49-049-4001	1	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2019	145	317	25.9	24.6	23.3	22.9	20.8	5.90*	S	0
49-049-4001	2	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2019	145	52	23.4	18.3	14.1	13.0	18.3	5.35*	S	0
49-049-4001	5	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2019	184	365	37.9	26.8	22.3	20.2	17.2	5.91	S	0
49-049-5010	1	1113	Spanish Fork	Utah	312 W. 2050 NORTH, SPANISH FORK, UTAH	2019	145	303	26.2	24.8	22.3	21.7	16.1	5.28*	S	0
49-049-5010	3	1113	Spanish Fork	Utah	312 W. 2050 NORTH, SPANISH FORK, UTAH	2019	184	348	30.9	26.4	21.1	16.9	13.9	5.57	S	0
49-053-0007	3	1113	Hurricane	Washington	147 N 870 W, Hurricane, Utah	2019	184	322	16.7	16.1	14.4	14.2	10.9	4.35*	S	0
49-057-0002	1	1113	Ogden	Weber	228 32ND STREET, OGDEN, UTAH	2019	145	134	36.0	30.1	22.4	21.9	22.4	5.28*	S	0
49-057-0002	5	1113	Ogden	Weber	228 32ND STREET, OGDEN, UTAH	2019	184	151	34.9	27.7	26.6	23.9	23.9	5.47*	S	0

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													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-057-1003	1	1113	Harrisville	Weber	425 W 2550 NORTH, OGDEN, UTAH	2019	145	125	32.6	32.4	26.8	25.5	26.8	6.30*	S	0
49-057-1003	3	1113	Harrisville	Weber	425 W 2550 NORTH, OGDEN, UTAH	2019	184	104	31.7	31.4	25.4	24.1	25.4	5.19*		0

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Lead (TSP) LC

Mar. 10, 2020

Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450 END)

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METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
88101	145	R & P Model 2025 PM-2.5 Sequential Air Sample	Gravimetric
88101	170	Met One BAM-1020 Mass Monitor w/VSCC	Beta Attenuation
88101	182	Thermo Scientific TEOM 1405-DF Dichotomous FD	FDMS Gravimetric
88101	184	Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation

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QUICK LOOK REPORT (AMP450 END)

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PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION
1113	Utah Department Of Environmental Quality
1122	Red Leaf Resources

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CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

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